

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Savannah

5102 LaRoche Avenue
Savannah, GA 31404

Tel: (912)354-7858

TestAmerica Job ID: 680-117065-2

Client Project/Site: Gold King Mine - Region 8 (Waters)

For:

Weston Solutions, Inc.
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Attn: Moira Pryhoda



Authorized for release by:

9/25/2015 8:59:39 PM

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This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Method Summary

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 8 (Waters)

TestAmerica Job ID: 680-117065-2

Method	Method Description	Protocol	Laboratory
300.0	Anions, Ion Chromatography	MCAWW	TAL SAV
200.7 Rev 4.4	Metals (ICP)	EPA	TAL SAV
200.8	Metals (ICP/MS)	EPA	TAL SAV
2340B-2011	Total Hardness (as CaCO ₃) by calculation	SM	TAL SAV
245.1	Mercury (CVAA)	EPA	TAL SAV
2320B-2011	Alkalinity, Total	SM	TAL SAV
4500 H+ B-2011	pH	SM	TAL SAV

Protocol References:

EPA = US Environmental Protection Agency

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SM = "Standard Methods For The Examination Of Water And Wastewater",

Laboratory References:

TAL SAV = TestAmerica Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Sample Summary

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 8 (Waters)

TestAmerica Job ID: 680-117065-2

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
680-117065-6	GKMTW436_092215A	Water	09/22/15 11:55	09/24/15 08:48
680-117065-7	GKMTW436_092215B	Water	09/22/15 12:00	09/24/15 08:48
680-117065-8	GKMSW309_092215	Water	09/22/15 13:50	09/24/15 08:48
680-117065-9	CC06_092115_0844	Water	09/21/15 08:44	09/24/15 08:48
680-117065-10	RBEFFLUENT_092115_1006	Water	09/21/15 10:06	09/24/15 08:48
680-117065-11	GSPOND_EFF_092015_1127	Water	09/20/15 11:27	09/24/15 08:48

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TestAmerica Savannah

Definitions/Glossary

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 8 (Waters)

TestAmerica Job ID: 680-117065-2

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
H	Sample was prepped or analyzed beyond the specified holding time
U	Indicates the analyte was analyzed for but not detected.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.
E	Result exceeded calibration range.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
^	ICV,CCV,ICB,CCB, ISA, ISB, CRI, CRA, DLCK or MRL standard: Instrument related QC is outside acceptance limits.
B	Compound was found in the blank and sample.

General Chemistry

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.
HF	Field parameter with a holding time of 15 minutes. Test performed by laboratory at client's request.

Glossary

Abbreviation

These commonly used abbreviations may or may not be present in this report.

□	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Case Narrative

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 8 (Waters)

TestAmerica Job ID: 680-117065-2

Job ID: 680-117065-2

Laboratory: TestAmerica Savannah

Narrative

CASE NARRATIVE

Client: Weston Solutions, Inc.

Project: Gold King Mine - Region 8 (Waters)

Report Number: 680-117065-2

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In the event of interference or analytes present at high concentrations, samples may be diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

RECEIPT

The samples were received on 09/24/2015; the samples arrived in good condition, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 2.6° C and 3.6° C.

DISSOLVED METALS (ICP)

Samples GKMSW309_092215 (680-117065-8), CC06_092115_0844 (680-117065-9), RBEFFLUENT_092115_1006 (680-117065-10) and GSPOND_EFF_092015_1127 (680-117065-11) were analyzed for dissolved metals (ICP) in accordance with EPA Method 200.7. The samples were prepared on 09/24/2015 and analyzed on 09/24/2015 and 09/25/2015.

Calcium, Dissolved recovered outside the recovery criteria low for the MS of sample 680-117065-2 in batch 680-402827.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

TOTAL METALS (ICP)

Samples GKMTW436_092215A (680-117065-6), GKMTW436_092215B (680-117065-7), GKMSW309_092215 (680-117065-8), CC06_092115_0844 (680-117065-9), RBEFFLUENT_092115_1006 (680-117065-10) and GSPOND_EFF_092015_1127 (680-117065-11) were analyzed for total metals (ICP) in accordance with EPA Method 200.7. The samples were prepared on 09/24/2015 and analyzed on 09/24/2015 and 09/25/2015.

Calcium recovered outside the recovery criteria low for the MS/MSD of sample 680-117065-4 in batch 680-402827.

Samples CC06_092115_0844 (680-117065-9)[10X], RBEFFLUENT_092115_1006 (680-117065-10)[10X] and GSPOND_EFF_092015_1127 (680-117065-11)[10X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

DISSOLVED METALS (ICPMS)

Samples GKMSW309_092215 (680-117065-8), CC06_092115_0844 (680-117065-9), RBEFFLUENT_092115_1006 (680-117065-10) and GSPOND_EFF_092015_1127 (680-117065-11) were analyzed for dissolved metals (ICPMS) in accordance with EPA Method 200.8. The samples were prepared on 09/24/2015 and analyzed on 09/25/2015.

The continuing calibration blank was above the reporting limit for selenium. The data has been flagged and reported. (CCB 680-402829/49), (CCB 680-402829/58), (CCB 680-402829/70), (CCB 680-402829/82) and (CCB 680-402829/94)

No analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Case Narrative

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 8 (Waters)

TestAmerica Job ID: 680-117065-2

Job ID: 680-117065-2 (Continued)

Laboratory: TestAmerica Savannah (Continued)

TOTAL METALS (ICPMS)

Samples GKMTW436_092215A (680-117065-6), GKMTW436_092215B (680-117065-7), GKMSW309_092215 (680-117065-8), CC06_092115_0844 (680-117065-9), RBEFFLUENT_092115_1006 (680-117065-10) and GSPOUND_EFF_092015_1127 (680-117065-11) were analyzed for total metals (ICPMS) in accordance with EPA Method 200.8. The samples were prepared on 09/24/2015 and analyzed on 09/25/2015.

Copper and Selenium were detected in method blank MB 680-402643/1-A at levels exceeding the reporting limit. If the associated sample reported a result above the MDL and/or RL, the result has been flagged. Refer to the QC report for details.

Copper, Manganese and Zinc recovered outside the recovery criteria low for the MS/MSD of sample 680-117065-4 in batch 680-402829.

The presence of the '4' qualifier indicates analytes where the concentration in the unspiked sample exceeded four times the spiking amount.

One or more of the following analytes recovered above the linear range of the calibration: barium, manganese, copper and zinc. The data has been qualified as an estimated value and reported.

CC06_092115_0844 (680-117065-9), RBEFFLUENT_092115_1006 (680-117065-10), GSPOUND_EFF_092015_1127 (680-117065-11), (680-117065-A-4-A)

One or more Internal standard responses were outside the lower acceptance limits for the following sample(s):. Low internal standard recoveries could possibly bias the results high.

GKMTW436_092215A (680-117065-6), GKMTW436_092215B (680-117065-7), GKMSW309_092215 (680-117065-8), CC06_092115_0844 (680-117065-9), RBEFFLUENT_092115_1006 (680-117065-10), GSPOUND_EFF_092015_1127 (680-117065-11), (CCB 680-402829/49), (CCB 680-402829/58), (CCB 680-402829/82), (CCB 680-402829/94), (CCV 680-402829/48), (CCV 680-402829/57), (CCV 680-402829/69), (CCV 680-402829/81), (CCV 680-402829/93), (LCS 680-402643/2-A), (MB 680-402643/1-A), (680-117065-A-4-A), (680-117065-A-4-B MS), (680-117065-A-4-C MSD), (680-117065-A-4-A PDS) and (680-117065-A-4-A SD)

The continuing calibration verification was above upper recovery limits for one or more of the following analytes: Beryllium and selenium. (CCV 680-402829/81) and (CCV 680-402829/93)

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

DISSOLVED MERCURY (CVAA)

Samples GKMSW309_092215 (680-117065-8), CC06_092115_0844 (680-117065-9), RBEFFLUENT_092115_1006 (680-117065-10) and GSPOUND_EFF_092015_1127 (680-117065-11) were analyzed for dissolved mercury (CVAA) in accordance with EPA Method 245.1. The samples were prepared and analyzed on 09/24/2015.

No analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

TOTAL MERCURY

Samples GKMTW436_092215A (680-117065-6), GKMTW436_092215B (680-117065-7), GKMSW309_092215 (680-117065-8), CC06_092115_0844 (680-117065-9), RBEFFLUENT_092115_1006 (680-117065-10) and GSPOUND_EFF_092015_1127 (680-117065-11) were analyzed for total mercury in accordance with EPA Method 245.1. The samples were prepared and analyzed on 09/24/2015.

No analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

ALKALINITY

Samples GKMSW309_092215 (680-117065-8), CC06_092115_0844 (680-117065-9), RBEFFLUENT_092115_1006 (680-117065-10) and GSPOUND_EFF_092015_1127 (680-117065-11) were analyzed for alkalinity in accordance with SM 2320B. The samples were analyzed on 09/24/2015.

No analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

ANIONS BY ION CHROMATOGRAPHY (28 DAY)

Case Narrative

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 8 (Waters)

TestAmerica Job ID: 680-117065-2

Job ID: 680-117065-2 (Continued)

Laboratory: TestAmerica Savannah (Continued)

Samples GKMSW309_092215 (680-117065-8), CC06_092115_0844 (680-117065-9), RBEFFLUENT_092115_1006 (680-117065-10) and GSPOND_EFF_092015_1127 (680-117065-11) were analyzed for Anions by Ion Chromatography (28 Day) in accordance with EPA Method 300.0. The samples were analyzed on 09/24/2015 and 09/25/2015.

Sulfate recovered outside the recovery criteria low for the MS/MSD of sample 680-117065-5 in batch 680-402810.

Samples GKMSW309_092215 (680-117065-8)[5X], CC06_092115_0844 (680-117065-9)[5X], CC06_092115_0844 (680-117065-9)[50X], RBEFFLUENT_092115_1006 (680-117065-10)[5X], RBEFFLUENT_092115_1006 (680-117065-10)[50X] and GSPOND_EFF_092015_1127 (680-117065-11)[50X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

ANIONS BY ION CHROMATOGRAPHY (48 HOUR)

Samples GKMSW309_092215 (680-117065-8), CC06_092115_0844 (680-117065-9), RBEFFLUENT_092115_1006 (680-117065-10) and GSPOND_EFF_092015_1127 (680-117065-11) were analyzed for Anions by Ion Chromatography (48 Hour) in accordance with EPA Method 300.0. The samples were analyzed on 09/24/2015.

The following samples were received outside of holding time: A72_092115 (680-117065-1), M34_092115 (680-117065-2), CC48_092115 (680-117065-3), CC48_092115D (680-117065-4), A68_092115 (680-117065-5), CC06_092115_0844 (680-117065-9), RBEFFLUENT_092115_1006 (680-117065-10) and GSPOND_EFF_092015_1127 (680-117065-11).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

TOTAL HARDNESS (AS CaCO₃) BY CALCULATION

Samples GKMTW436_092215A (680-117065-6), GKMTW436_092215B (680-117065-7), GKMSW309_092215 (680-117065-8), CC06_092115_0844 (680-117065-9), RBEFFLUENT_092115_1006 (680-117065-10) and GSPOND_EFF_092015_1127 (680-117065-11) were analyzed for total hardness (as CaCO₃) by calculation in accordance with SM 2340B. The samples were analyzed on 09/25/2015.

No analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

CORROSIVITY (PH)

Samples GKMSW309_092215 (680-117065-8), CC06_092115_0844 (680-117065-9), RBEFFLUENT_092115_1006 (680-117065-10) and GSPOND_EFF_092015_1127 (680-117065-11) were analyzed for corrosivity (pH) in accordance with SM 4500 H+ B. The samples were analyzed on 09/24/2015.

This analysis is normally performed in the field and has a method-defined holding time of 15 minutes. This sample(s) was performed in the laboratory outside the 15 minute timeframe.

No analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Client Sample Results

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 8 (Waters)

TestAmerica Job ID: 680-117065-2

Client Sample ID: GKMTW436_092215A

Lab Sample ID: 680-117065-6

Matrix: Water

Date Collected: 09/22/15 11:55

Date Received: 09/24/15 08:48

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	24	U	200	24	ug/L		09/24/15 10:32	09/24/15 21:37	1
Calcium	190000		500	25	ug/L		09/24/15 10:32	09/24/15 21:37	1
Iron	520		50	17	ug/L		09/24/15 10:32	09/24/15 21:37	1
Magnesium	49000		500	33	ug/L		09/24/15 10:32	09/24/15 21:37	1
Potassium	3100		1000	17	ug/L		09/24/15 10:32	09/24/15 21:37	1
Sodium	20000		1000	480	ug/L		09/24/15 10:32	09/24/15 21:37	1

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.40	U	1.0	0.40	ug/L		09/24/15 10:32	09/25/15 03:20	1
Arsenic	0.41	J	1.0	0.37	ug/L		09/24/15 10:32	09/25/15 03:20	1
Barium	15		2.0	0.14	ug/L		09/24/15 10:32	09/25/15 03:20	1
Beryllium	0.15	U ^	0.40	0.15	ug/L		09/24/15 10:32	09/25/15 03:20	1
Cadmium	0.043	U	0.50	0.043	ug/L		09/24/15 10:32	09/25/15 03:20	1
Chromium	1.0	U	2.0	1.0	ug/L		09/24/15 10:32	09/25/15 03:20	1
Cobalt	0.24	J	0.40	0.12	ug/L		09/24/15 10:32	09/25/15 03:20	1
Copper	1.7	B	1.0	0.50	ug/L		09/24/15 10:32	09/25/15 03:20	1
Lead	0.097	J	0.30	0.060	ug/L		09/24/15 10:32	09/25/15 03:20	1
Manganese	10		2.5	1.2	ug/L		09/24/15 10:32	09/25/15 03:20	1
Molybdenum	2.1		1.0	0.45	ug/L		09/24/15 10:32	09/25/15 03:20	1
Nickel	1.4		1.0	0.40	ug/L		09/24/15 10:32	09/25/15 03:20	1
Selenium	15	B ^	2.0	0.58	ug/L		09/24/15 10:32	09/25/15 03:20	1
Silver	0.10	U	1.0	0.10	ug/L		09/24/15 10:32	09/25/15 03:20	1
Thallium	0.10	U	0.20	0.10	ug/L		09/24/15 10:32	09/25/15 03:20	1
Vanadium	0.30	U	1.0	0.30	ug/L		09/24/15 10:32	09/25/15 03:20	1
Zinc	13	J	20	2.8	ug/L		09/24/15 10:32	09/25/15 03:20	1

Method: 2340B-2011 - Total Hardness (as CaCO₃) by calculation

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Hardness	670		3.3	3.3	mg/L			09/25/15 13:22	1

Method: 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L		09/24/15 12:13	09/24/15 19:15	1

Client Sample ID: GKMTW436_092215B

Lab Sample ID: 680-117065-7

Matrix: Water

Date Collected: 09/22/15 12:00

Date Received: 09/24/15 08:48

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	24	U	200	24	ug/L		09/24/15 10:32	09/24/15 21:41	1
Calcium	120	J	500	25	ug/L		09/24/15 10:32	09/24/15 21:41	1
Iron	17	U	50	17	ug/L		09/24/15 10:32	09/24/15 21:41	1
Magnesium	33	U	500	33	ug/L		09/24/15 10:32	09/24/15 21:41	1
Potassium	21	J	1000	17	ug/L		09/24/15 10:32	09/24/15 21:41	1
Sodium	50000		1000	480	ug/L		09/24/15 10:32	09/24/15 21:41	1

TestAmerica Savannah

Client Sample Results

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 8 (Waters)

TestAmerica Job ID: 680-117065-2

Client Sample ID: GKMTW436_092215B

Lab Sample ID: 680-117065-7

Matrix: Water

Date Collected: 09/22/15 12:00

Date Received: 09/24/15 08:48

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.40	U	1.0	0.40	ug/L		09/24/15 10:32	09/25/15 03:24	1
Arsenic	0.56	J	1.0	0.37	ug/L		09/24/15 10:32	09/25/15 03:24	1
Barium	0.20	J	2.0	0.14	ug/L		09/24/15 10:32	09/25/15 03:24	1
Beryllium	0.15	U ^	0.40	0.15	ug/L		09/24/15 10:32	09/25/15 03:24	1
Cadmium	0.043	U	0.50	0.043	ug/L		09/24/15 10:32	09/25/15 03:24	1
Chromium	1.0	U	2.0	1.0	ug/L		09/24/15 10:32	09/25/15 03:24	1
Cobalt	0.12	U	0.40	0.12	ug/L		09/24/15 10:32	09/25/15 03:24	1
Copper	11	B	1.0	0.50	ug/L		09/24/15 10:32	09/25/15 03:24	1
Lead	0.25	J	0.30	0.060	ug/L		09/24/15 10:32	09/25/15 03:24	1
Manganese	1.2	U	2.5	1.2	ug/L		09/24/15 10:32	09/25/15 03:24	1
Molybdenum	0.45	U	1.0	0.45	ug/L		09/24/15 10:32	09/25/15 03:24	1
Nickel	0.40	U	1.0	0.40	ug/L		09/24/15 10:32	09/25/15 03:24	1
Selenium	8.6	B ^	2.0	0.58	ug/L		09/24/15 10:32	09/25/15 03:24	1
Silver	0.10	U	1.0	0.10	ug/L		09/24/15 10:32	09/25/15 03:24	1
Thallium	0.10	U	0.20	0.10	ug/L		09/24/15 10:32	09/25/15 03:24	1
Vanadium	0.30	U	1.0	0.30	ug/L		09/24/15 10:32	09/25/15 03:24	1
Zinc	33		20	2.8	ug/L		09/24/15 10:32	09/25/15 03:24	1

Method: 2340B-2011 - Total Hardness (as CaCO₃) by calculation

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Hardness	3.3	U	3.3	3.3	mg/L			09/25/15 13:22	1

Method: 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L		09/24/15 12:13	09/24/15 19:18	1

Client Sample ID: GKMSW309_092215

Lab Sample ID: 680-117065-8

Matrix: Water

Date Collected: 09/22/15 13:50

Date Received: 09/24/15 08:48

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	22		0.50	0.20	mg/L			09/25/15 02:24	1
Nitrate as N	0.066		0.050	0.023	mg/L			09/24/15 11:57	1
Fluoride	0.42		0.10	0.040	mg/L			09/25/15 02:24	1
Sulfate	87		5.0	2.0	mg/L			09/25/15 03:25	5

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	2100		200	24	ug/L		09/24/15 10:32	09/24/15 21:45	1
Calcium	55000		500	25	ug/L		09/24/15 10:32	09/24/15 21:45	1
Iron	4000		50	17	ug/L		09/24/15 10:32	09/24/15 21:45	1
Magnesium	7100		500	33	ug/L		09/24/15 10:32	09/24/15 21:45	1
Potassium	2800		1000	17	ug/L		09/24/15 10:32	09/24/15 21:45	1
Sodium	22000		1000	480	ug/L		09/24/15 10:32	09/24/15 21:45	1

Method: 200.7 Rev 4.4 - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum, Dissolved	26	J	200	24	ug/L		09/24/15 10:45	09/24/15 18:57	1
Calcium, Dissolved	59000		500	25	ug/L		09/24/15 10:45	09/24/15 18:57	1
Iron, Dissolved	64		50	17	ug/L		09/24/15 10:45	09/24/15 18:57	1

TestAmerica Savannah

Client Sample Results

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 8 (Waters)

TestAmerica Job ID: 680-117065-2

Client Sample ID: GKMSW309_092215

Lab Sample ID: 680-117065-8

Matrix: Water

Date Collected: 09/22/15 13:50

Date Received: 09/24/15 08:48

Method: 200.7 Rev 4.4 - Metals (ICP) - Dissolved (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Magnesium, Dissolved	7200		500	33	ug/L		09/24/15 10:45	09/24/15 18:57	1
Potassium, Dissolved	2700		1000	17	ug/L		09/24/15 10:45	09/24/15 18:57	1
Sodium, Dissolved	24000		1000	480	ug/L		09/24/15 10:45	09/24/15 18:57	1

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.90	J	1.0	0.40	ug/L		09/24/15 10:32	09/25/15 03:28	1
Arsenic	3.9		1.0	0.37	ug/L		09/24/15 10:32	09/25/15 03:28	1
Barium	91		2.0	0.14	ug/L		09/24/15 10:32	09/25/15 03:28	1
Beryllium	0.21	J ^	0.40	0.15	ug/L		09/24/15 10:32	09/25/15 03:28	1
Cadmium	2.0		0.50	0.043	ug/L		09/24/15 10:32	09/25/15 03:28	1
Chromium	1.3	J	2.0	1.0	ug/L		09/24/15 10:32	09/25/15 03:28	1
Cobalt	3.1		0.40	0.12	ug/L		09/24/15 10:32	09/25/15 03:28	1
Copper	32	B	1.0	0.50	ug/L		09/24/15 10:32	09/25/15 03:28	1
Lead	61		0.30	0.060	ug/L		09/24/15 10:32	09/25/15 03:28	1
Manganese	1400		2.5	1.2	ug/L		09/24/15 10:32	09/25/15 03:28	1
Molybdenum	2.1		1.0	0.45	ug/L		09/24/15 10:32	09/25/15 03:28	1
Nickel	2.9		1.0	0.40	ug/L		09/24/15 10:32	09/25/15 03:28	1
Selenium	11	B ^	2.0	0.58	ug/L		09/24/15 10:32	09/25/15 03:28	1
Silver	0.59	J	1.0	0.10	ug/L		09/24/15 10:32	09/25/15 03:28	1
Thallium	0.10	U	0.20	0.10	ug/L		09/24/15 10:32	09/25/15 03:28	1
Vanadium	3.2		1.0	0.30	ug/L		09/24/15 10:32	09/25/15 03:28	1
Zinc	360		20	2.8	ug/L		09/24/15 10:32	09/25/15 03:28	1

Method: 200.8 - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony, Dissolved	0.40	U	1.0	0.40	ug/L		09/24/15 10:45	09/25/15 00:31	1
Arsenic, Dissolved	0.52	J	1.0	0.37	ug/L		09/24/15 10:45	09/25/15 00:31	1
Barium, Dissolved	60		2.0	0.14	ug/L		09/24/15 10:45	09/25/15 00:31	1
Beryllium, Dissolved	0.15	U	0.40	0.15	ug/L		09/24/15 10:45	09/25/15 00:31	1
Cadmium, Dissolved	0.37	J	0.50	0.043	ug/L		09/24/15 10:45	09/25/15 00:31	1
Chromium, Dissolved	1.0	U	2.0	1.0	ug/L		09/24/15 10:45	09/25/15 00:31	1
Cobalt, Dissolved	0.15	J	0.40	0.12	ug/L		09/24/15 10:45	09/25/15 00:31	1
Copper, Dissolved	2.4		1.0	0.50	ug/L		09/24/15 10:45	09/25/15 00:31	1
Lead, Dissolved	0.93		0.30	0.060	ug/L		09/24/15 10:45	09/25/15 00:31	1
Manganese, Dissolved	100		2.5	1.2	ug/L		09/24/15 10:45	09/25/15 00:31	1
Molybdenum, Dissolved	0.45	U	1.0	0.45	ug/L		09/24/15 10:45	09/25/15 00:31	1
Nickel, Dissolved	2.5		1.0	0.40	ug/L		09/24/15 10:45	09/25/15 00:31	1
Selenium, Dissolved	0.58	U	2.0	0.58	ug/L		09/24/15 10:45	09/25/15 00:31	1
Silver, Dissolved	0.10	U	1.0	0.10	ug/L		09/24/15 10:45	09/25/15 00:31	1
Thallium, Dissolved	0.10	U	0.20	0.10	ug/L		09/24/15 10:45	09/25/15 00:31	1
Vanadium, Dissolved	0.30	U	1.0	0.30	ug/L		09/24/15 10:45	09/25/15 00:31	1
Zinc, Dissolved	85		20	2.8	ug/L		09/24/15 10:45	09/25/15 00:31	1

Method: 2340B-2011 - Total Hardness (as CaCO₃) by calculation

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Hardness	170		3.3	3.3	mg/L			09/25/15 13:22	1

TestAmerica Savannah

Client Sample Results

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 8 (Waters)

TestAmerica Job ID: 680-117065-2

Client Sample ID: GKMSW309_092215

Lab Sample ID: 680-117065-8

Matrix: Water

Date Collected: 09/22/15 13:50

Date Received: 09/24/15 08:48

Method: 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L		09/24/15 12:13	09/24/15 19:21	1

Method: 245.1 - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	0.080	U	0.20	0.080	ug/L		09/24/15 13:03	09/24/15 20:16	1

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.06	HF			SU			09/24/15 15:23	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity	78		5.0	5.0	mg/L			09/24/15 15:23	1

Client Sample ID: CC06_092115_0844

Lab Sample ID: 680-117065-9

Matrix: Water

Date Collected: 09/21/15 08:44

Date Received: 09/24/15 08:48

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	0.37	J	0.50	0.20	mg/L			09/24/15 12:21	1
Nitrate as N	0.023	U H	0.050	0.023	mg/L			09/24/15 16:34	1
Fluoride	9.8		0.50	0.20	mg/L			09/25/15 05:59	5
Sulfate	1400		50	20	mg/L			09/25/15 15:51	50

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	25000		200	24	ug/L		09/24/15 10:32	09/24/15 21:50	1
Calcium	130000		5000	250	ug/L		09/24/15 10:32	09/25/15 11:05	10
Iron	97000		50	17	ug/L		09/24/15 10:32	09/24/15 21:50	1
Magnesium	42000		5000	330	ug/L		09/24/15 10:32	09/25/15 11:05	10
Potassium	2500		1000	17	ug/L		09/24/15 10:32	09/24/15 21:50	1
Sodium	23000		10000	4800	ug/L		09/24/15 10:32	09/25/15 11:05	10

Method: 200.7 Rev 4.4 - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum, Dissolved	24000		200	24	ug/L		09/24/15 10:45	09/24/15 19:02	1
Calcium, Dissolved	350000		5000	250	ug/L		09/24/15 10:45	09/25/15 10:48	10
Iron, Dissolved	69000		50	17	ug/L		09/24/15 10:45	09/24/15 19:02	1
Magnesium, Dissolved	24000		5000	330	ug/L		09/24/15 10:45	09/25/15 10:48	10
Potassium, Dissolved	2500		1000	17	ug/L		09/24/15 10:45	09/24/15 19:02	1
Sodium, Dissolved	4800	U	10000	4800	ug/L		09/24/15 10:45	09/25/15 10:48	10

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	3.0		1.0	0.40	ug/L		09/24/15 10:32	09/25/15 03:31	1
Arsenic	37		1.0	0.37	ug/L		09/24/15 10:32	09/25/15 03:31	1
Barium	8.9		2.0	0.14	ug/L		09/24/15 10:32	09/25/15 03:31	1
Beryllium	12	^	0.40	0.15	ug/L		09/24/15 10:32	09/25/15 03:31	1
Cadmium	65		0.50	0.043	ug/L		09/24/15 10:32	09/25/15 03:31	1
Chromium	3.1		2.0	1.0	ug/L		09/24/15 10:32	09/25/15 03:31	1
Cobalt	89		0.40	0.12	ug/L		09/24/15 10:32	09/25/15 03:31	1
Copper	5000	B E	1.0	0.50	ug/L		09/24/15 10:32	09/25/15 03:31	1

TestAmerica Savannah

Client Sample Results

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 8 (Waters)

TestAmerica Job ID: 680-117065-2

Client Sample ID: CC06_092115_0844

Lab Sample ID: 680-117065-9

Matrix: Water

Date Collected: 09/21/15 08:44

Date Received: 09/24/15 08:48

Method: 200.8 - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	35		0.30	0.060	ug/L		09/24/15 10:32	09/25/15 03:31	1
Manganese	31000	E	2.5	1.2	ug/L		09/24/15 10:32	09/25/15 03:31	1
Molybdenum	4.1		1.0	0.45	ug/L		09/24/15 10:32	09/25/15 03:31	1
Nickel	53		1.0	0.40	ug/L		09/24/15 10:32	09/25/15 03:31	1
Selenium	11	B ^	2.0	0.58	ug/L		09/24/15 10:32	09/25/15 03:31	1
Silver	0.10	U	1.0	0.10	ug/L		09/24/15 10:32	09/25/15 03:31	1
Thallium	0.23		0.20	0.10	ug/L		09/24/15 10:32	09/25/15 03:31	1
Vanadium	25		1.0	0.30	ug/L		09/24/15 10:32	09/25/15 03:31	1
Zinc	22000	E	20	2.8	ug/L		09/24/15 10:32	09/25/15 03:31	1

Method: 200.8 - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony, Dissolved	0.40	U	1.0	0.40	ug/L		09/24/15 10:45	09/25/15 00:35	1
Arsenic, Dissolved	3.3		1.0	0.37	ug/L		09/24/15 10:45	09/25/15 00:35	1
Barium, Dissolved	9.0		2.0	0.14	ug/L		09/24/15 10:45	09/25/15 00:35	1
Beryllium, Dissolved	10		0.40	0.15	ug/L		09/24/15 10:45	09/25/15 00:35	1
Cadmium, Dissolved	65		0.50	0.043	ug/L		09/24/15 10:45	09/25/15 00:35	1
Chromium, Dissolved	1.6	J	2.0	1.0	ug/L		09/24/15 10:45	09/25/15 00:35	1
Cobalt, Dissolved	90		0.40	0.12	ug/L		09/24/15 10:45	09/25/15 00:35	1
Copper, Dissolved	4900	E	1.0	0.50	ug/L		09/24/15 10:45	09/25/15 00:35	1
Lead, Dissolved	26		0.30	0.060	ug/L		09/24/15 10:45	09/25/15 00:35	1
Manganese, Dissolved	30000	E	2.5	1.2	ug/L		09/24/15 10:45	09/25/15 00:35	1
Molybdenum, Dissolved	0.45	U	1.0	0.45	ug/L		09/24/15 10:45	09/25/15 00:35	1
Nickel, Dissolved	53		1.0	0.40	ug/L		09/24/15 10:45	09/25/15 00:35	1
Selenium, Dissolved	2.7	^	2.0	0.58	ug/L		09/24/15 10:45	09/25/15 00:35	1
Silver, Dissolved	0.10	U	1.0	0.10	ug/L		09/24/15 10:45	09/25/15 00:35	1
Thallium, Dissolved	0.25		0.20	0.10	ug/L		09/24/15 10:45	09/25/15 00:35	1
Vanadium, Dissolved	1.3		1.0	0.30	ug/L		09/24/15 10:45	09/25/15 00:35	1
Zinc, Dissolved	21000	E	20	2.8	ug/L		09/24/15 10:45	09/25/15 00:35	1

Method: 2340B-2011 - Total Hardness (as CaCO₃) by calculation

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Hardness	500			3.3	mg/L			09/25/15 13:23	1

Method: 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L		09/24/15 12:13	09/24/15 19:24	1

Method: 245.1 - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	0.080	U	0.20	0.080	ug/L		09/24/15 13:03	09/24/15 20:25	1

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
pH	3.16	HF		SU				09/24/15 15:27	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity	5.0	U	5.0	5.0	mg/L			09/24/15 15:27	1

Client Sample Results

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 8 (Waters)

TestAmerica Job ID: 680-117065-2

Client Sample ID: RBEFFLUENT_092115_1006

Lab Sample ID: 680-117065-10

Matrix: Water

Date Collected: 09/21/15 10:06

Date Received: 09/24/15 08:48

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	0.37 J		0.50	0.20	mg/L			09/24/15 13:23	1
Nitrate as N	0.023 U H		0.050	0.023	mg/L			09/24/15 18:07	1
Fluoride	8.3		0.50	0.20	mg/L			09/25/15 06:30	5
Sulfate	1300		50	20	mg/L			09/25/15 16:07	50

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	17000		200	24	ug/L			09/24/15 21:54	1
Calcium	100000		5000	250	ug/L			09/24/15 10:32	09/25/15 11:10
Iron	60000		50	17	ug/L			09/24/15 21:54	1
Magnesium	30000		5000	330	ug/L			09/24/15 10:32	09/25/15 11:10
Potassium	2600		1000	17	ug/L			09/24/15 21:54	1
Sodium	26000		10000	4800	ug/L			09/24/15 10:32	09/25/15 11:10

Method: 200.7 Rev 4.4 - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum, Dissolved	8000		200	24	ug/L			09/24/15 19:06	1
Calcium, Dissolved	420000		5000	250	ug/L			09/24/15 10:45	09/25/15 10:52
Iron, Dissolved	30000		50	17	ug/L			09/24/15 19:06	1
Magnesium, Dissolved	25000		5000	330	ug/L			09/24/15 10:45	09/25/15 10:52
Potassium, Dissolved	2500		1000	17	ug/L			09/24/15 19:06	1
Sodium, Dissolved	4800 U		10000	4800	ug/L			09/24/15 10:45	09/25/15 10:52

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	1.5		1.0	0.40	ug/L			09/25/15 03:35	1
Arsenic	19		1.0	0.37	ug/L			09/25/15 03:35	1
Barium	9.6		2.0	0.14	ug/L			09/25/15 03:35	1
Beryllium	8.4 ^		0.40	0.15	ug/L			09/25/15 03:35	1
Cadmium	71		0.50	0.043	ug/L			09/25/15 03:35	1
Chromium	1.6 J		2.0	1.0	ug/L			09/25/15 03:35	1
Cobalt	90		0.40	0.12	ug/L			09/25/15 03:35	1
Copper	3400 B		1.0	0.50	ug/L			09/25/15 03:35	1
Lead	18		0.30	0.060	ug/L			09/25/15 03:35	1
Manganese	32000 E		2.5	1.2	ug/L			09/25/15 03:35	1
Molybdenum	2.3		1.0	0.45	ug/L			09/25/15 03:35	1
Nickel	53		1.0	0.40	ug/L			09/25/15 03:35	1
Selenium	13 B ^		2.0	0.58	ug/L			09/25/15 03:35	1
Silver	0.10 U		1.0	0.10	ug/L			09/25/15 03:35	1
Thallium	0.22		0.20	0.10	ug/L			09/25/15 03:35	1
Vanadium	13		1.0	0.30	ug/L			09/25/15 03:35	1
Zinc	22000 E		20	2.8	ug/L			09/25/15 03:35	1

Method: 200.8 - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony, Dissolved	0.40 U		1.0	0.40	ug/L			09/25/15 00:39	1
Arsenic, Dissolved	2.8		1.0	0.37	ug/L			09/25/15 00:39	1
Barium, Dissolved	9.2		2.0	0.14	ug/L			09/25/15 00:39	1
Beryllium, Dissolved	4.0		0.40	0.15	ug/L			09/25/15 00:39	1
Cadmium, Dissolved	69		0.50	0.043	ug/L			09/25/15 00:39	1

TestAmerica Savannah

Client Sample Results

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 8 (Waters)

TestAmerica Job ID: 680-117065-2

Client Sample ID: RBEFFLUENT_092115_1006

Lab Sample ID: 680-117065-10

Matrix: Water

Date Collected: 09/21/15 10:06

Date Received: 09/24/15 08:48

Method: 200.8 - Metals (ICP/MS) - Dissolved (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, Dissolved	1.0	U	2.0	1.0	ug/L		09/24/15 10:45	09/25/15 00:39	1
Cobalt, Dissolved	86		0.40	0.12	ug/L		09/24/15 10:45	09/25/15 00:39	1
Copper, Dissolved	2200		1.0	0.50	ug/L		09/24/15 10:45	09/25/15 00:39	1
Lead, Dissolved	2.6		0.30	0.060	ug/L		09/24/15 10:45	09/25/15 00:39	1
Manganese, Dissolved	31000	E	2.5	1.2	ug/L		09/24/15 10:45	09/25/15 00:39	1
Molybdenum, Dissolved	0.47	J	1.0	0.45	ug/L		09/24/15 10:45	09/25/15 00:39	1
Nickel, Dissolved	50		1.0	0.40	ug/L		09/24/15 10:45	09/25/15 00:39	1
Selenium, Dissolved	3.0	A	2.0	0.58	ug/L		09/24/15 10:45	09/25/15 00:39	1
Silver, Dissolved	0.10	U	1.0	0.10	ug/L		09/24/15 10:45	09/25/15 00:39	1
Thallium, Dissolved	0.22		0.20	0.10	ug/L		09/24/15 10:45	09/25/15 00:39	1
Vanadium, Dissolved	1.7		1.0	0.30	ug/L		09/24/15 10:45	09/25/15 00:39	1
Zinc, Dissolved	20000	E	20	2.8	ug/L		09/24/15 10:45	09/25/15 00:39	1

Method: 2340B-2011 - Total Hardness (as CaCO₃) by calculation

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Hardness	380		3.3	3.3	mg/L			09/25/15 13:23	1

Method: 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L		09/24/15 12:13	09/24/15 19:27	1

Method: 245.1 - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	0.080	U	0.20	0.080	ug/L		09/24/15 13:03	09/24/15 20:28	1

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
pH	4.71	HF			SU			09/24/15 15:32	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity	5.0	U	5.0	5.0	mg/L			09/24/15 15:32	1

Client Sample ID: GSPOND_EFF_092015_1127

Lab Sample ID: 680-117065-11

Matrix: Water

Date Collected: 09/20/15 11:27

Date Received: 09/24/15 08:48

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	0.50		0.50	0.20	mg/L			09/25/15 00:05	1
Nitrate as N	0.023	U H	0.050	0.023	mg/L			09/24/15 18:22	1
Fluoride	2.3		0.10	0.040	mg/L			09/25/15 00:05	1
Sulfate	1200		50	20	mg/L			09/25/15 03:41	50

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	3100		200	24	ug/L		09/24/15 10:32	09/24/15 21:59	1
Calcium	340000		500	25	ug/L		09/24/15 10:32	09/24/15 21:59	1
Iron	8500		50	17	ug/L		09/24/15 10:32	09/24/15 21:59	1
Magnesium	23000		500	33	ug/L		09/24/15 10:32	09/24/15 21:59	1
Potassium	3400		1000	17	ug/L		09/24/15 10:32	09/24/15 21:59	1
Sodium	25000		10000	4800	ug/L		09/24/15 10:32	09/25/15 11:14	10

TestAmerica Savannah

Client Sample Results

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 8 (Waters)

TestAmerica Job ID: 680-117065-2

Client Sample ID: GSPOND_EFF_092015_1127

Lab Sample ID: 680-117065-11

Matrix: Water

Date Collected: 09/20/15 11:27

Date Received: 09/24/15 08:48

Method: 200.7 Rev 4.4 - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum, Dissolved	770		200	24	ug/L		09/24/15 10:45	09/24/15 19:10	1
Calcium, Dissolved	360000		500	25	ug/L		09/24/15 10:45	09/24/15 19:10	1
Iron, Dissolved	3000		50	17	ug/L		09/24/15 10:45	09/24/15 19:10	1
Magnesium, Dissolved	24000		500	33	ug/L		09/24/15 10:45	09/24/15 19:10	1
Potassium, Dissolved	2900		1000	17	ug/L		09/24/15 10:45	09/24/15 19:10	1
Sodium, Dissolved	110000		10000	4800	ug/L		09/24/15 10:45	09/25/15 10:57	10

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.67	J	1.0	0.40	ug/L		09/24/15 10:32	09/25/15 03:39	1
Arsenic	3.7		1.0	0.37	ug/L		09/24/15 10:32	09/25/15 03:39	1
Barium	19		2.0	0.14	ug/L		09/24/15 10:32	09/25/15 03:39	1
Beryllium	0.70	^	0.40	0.15	ug/L		09/24/15 10:32	09/25/15 03:39	1
Cadmium	28		0.50	0.043	ug/L		09/24/15 10:32	09/25/15 03:39	1
Chromium	1.0	U	2.0	1.0	ug/L		09/24/15 10:32	09/25/15 03:39	1
Cobalt	60		0.40	0.12	ug/L		09/24/15 10:32	09/25/15 03:39	1
Copper	230	B	1.0	0.50	ug/L		09/24/15 10:32	09/25/15 03:39	1
Lead	78		0.30	0.060	ug/L		09/24/15 10:32	09/25/15 03:39	1
Manganese	22000	E	2.5	1.2	ug/L		09/24/15 10:32	09/25/15 03:39	1
Molybdenum	1.3		1.0	0.45	ug/L		09/24/15 10:32	09/25/15 03:39	1
Nickel	29		1.0	0.40	ug/L		09/24/15 10:32	09/25/15 03:39	1
Selenium	14	B ^	2.0	0.58	ug/L		09/24/15 10:32	09/25/15 03:39	1
Silver	0.61	J	1.0	0.10	ug/L		09/24/15 10:32	09/25/15 03:39	1
Thallium	0.11	J	0.20	0.10	ug/L		09/24/15 10:32	09/25/15 03:39	1
Vanadium	3.8		1.0	0.30	ug/L		09/24/15 10:32	09/25/15 03:39	1
Zinc	6600	E	20	2.8	ug/L		09/24/15 10:32	09/25/15 03:39	1

Method: 200.8 - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony, Dissolved	0.40	U	1.0	0.40	ug/L		09/24/15 10:45	09/25/15 00:43	1
Arsenic, Dissolved	0.99	J	1.0	0.37	ug/L		09/24/15 10:45	09/25/15 00:43	1
Barium, Dissolved	11		2.0	0.14	ug/L		09/24/15 10:45	09/25/15 00:43	1
Beryllium, Dissolved	0.40		0.40	0.15	ug/L		09/24/15 10:45	09/25/15 00:43	1
Cadmium, Dissolved	28		0.50	0.043	ug/L		09/24/15 10:45	09/25/15 00:43	1
Chromium, Dissolved	1.0	U	2.0	1.0	ug/L		09/24/15 10:45	09/25/15 00:43	1
Cobalt, Dissolved	62		0.40	0.12	ug/L		09/24/15 10:45	09/25/15 00:43	1
Copper, Dissolved	86		1.0	0.50	ug/L		09/24/15 10:45	09/25/15 00:43	1
Lead, Dissolved	7.0		0.30	0.060	ug/L		09/24/15 10:45	09/25/15 00:43	1
Manganese, Dissolved	23000	E	2.5	1.2	ug/L		09/24/15 10:45	09/25/15 00:43	1
Molybdenum, Dissolved	0.46	J	1.0	0.45	ug/L		09/24/15 10:45	09/25/15 00:43	1
Nickel, Dissolved	30		1.0	0.40	ug/L		09/24/15 10:45	09/25/15 00:43	1
Selenium, Dissolved	3.8	^	2.0	0.58	ug/L		09/24/15 10:45	09/25/15 00:43	1
Silver, Dissolved	0.10	U	1.0	0.10	ug/L		09/24/15 10:45	09/25/15 00:43	1
Thallium, Dissolved	0.10	U	0.20	0.10	ug/L		09/24/15 10:45	09/25/15 00:43	1
Vanadium, Dissolved	0.62	J	1.0	0.30	ug/L		09/24/15 10:45	09/25/15 00:43	1
Zinc, Dissolved	6300	E	20	2.8	ug/L		09/24/15 10:45	09/25/15 00:43	1

Method: 2340B-2011 - Total Hardness (as CaCO3) by calculation

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Hardness	950		3.3	3.3	mg/L		09/25/15 13:23		1

TestAmerica Savannah

Client Sample Results

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 8 (Waters)

TestAmerica Job ID: 680-117065-2

Client Sample ID: GSPOND_EFF_092015_1127

Lab Sample ID: 680-117065-11

Matrix: Water

Date Collected: 09/20/15 11:27

Date Received: 09/24/15 08:48

Method: 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L		09/24/15 12:13	09/24/15 19:36	1

Method: 245.1 - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	0.080	U	0.20	0.080	ug/L		09/24/15 13:03	09/24/15 20:37	1

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
pH	5.88	HF			SU			09/24/15 15:38	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac

Alkalinity

5.0 U

5.0

mg/L

09/24/15 15:38

1

QC Sample Results

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 8 (Waters)

TestAmerica Job ID: 680-117065-2

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 680-402737/2

Matrix: Water

Analysis Batch: 402737

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	0.023	U	0.050	0.023	mg/L	-	-	09/24/15 07:56	1

Lab Sample ID: LCS 680-402737/3

Matrix: Water

Analysis Batch: 402737

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec.	Limits
Nitrate as N	0.999	1.05		mg/L	-	105	90 - 110

Lab Sample ID: LCSD 680-402737/4

Matrix: Water

Analysis Batch: 402737

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec.	Limits	RPD	RPD Limit
Nitrate as N	0.999	1.05		mg/L	-	106	90 - 110	0	30

Lab Sample ID: 680-117065-9 MS

Matrix: Water

Analysis Batch: 402737

Client Sample ID: CC06_092115_0844
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec.	Limits
Nitrate as N	0.023	U H	0.999	1.08		mg/L	-	108	80 - 120

Lab Sample ID: 680-117065-9 MSD

Matrix: Water

Analysis Batch: 402737

Client Sample ID: CC06_092115_0844
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec.	Limits	RPD	RPD Limit
Nitrate as N	0.023	U H	0.999	1.03		mg/L	-	104	80 - 120	5	30

Lab Sample ID: 680-117065-9 DU

Matrix: Water

Analysis Batch: 402737

Client Sample ID: CC06_092115_0844
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Nitrate as N	0.023	U H	0.023	U	mg/L	-	NC	30

Lab Sample ID: MB 680-402738/2

Matrix: Water

Analysis Batch: 402738

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	0.20	U	0.50	0.20	mg/L	-	-	09/24/15 07:56	1

Lab Sample ID: LCS 680-402738/3

Matrix: Water

Analysis Batch: 402738

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec.	Limits
Chloride	10.0	10.0		mg/L	-	100	90 - 110

TestAmerica Savannah

QC Sample Results

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 8 (Waters)

TestAmerica Job ID: 680-117065-2

Lab Sample ID: LCSD 680-402738/4

Matrix: Water

Analysis Batch: 402738

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	10.0	10.0		mg/L		100	90 - 110	0	30

Lab Sample ID: 680-117065-9 MS

Matrix: Water

Analysis Batch: 402738

Client Sample ID: CC06_092115_0844
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	0.37	J	10.0	10.4		mg/L		100	80 - 120

Lab Sample ID: 680-117065-9 MSD

Matrix: Water

Analysis Batch: 402738

Client Sample ID: CC06_092115_0844
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	0.37	J	10.0	10.4		mg/L		101	80 - 120

Lab Sample ID: 680-117065-9 DU

Matrix: Water

Analysis Batch: 402738

Client Sample ID: CC06_092115_0844
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Chloride	0.37	J		0.365	J	mg/L		0.7	30

Lab Sample ID: MB 680-402810/35

Matrix: Water

Analysis Batch: 402810

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	0.20	U	0.50	0.20	mg/L			09/24/15 23:19	1
Fluoride	0.040	U	0.10	0.040	mg/L			09/24/15 23:19	1
Sulfate	0.40	U	1.0	0.40	mg/L			09/24/15 23:19	1

Lab Sample ID: LCS 680-402810/36

Matrix: Water

Analysis Batch: 402810

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	10.0	9.96		mg/L		100	90 - 110
Fluoride	2.00	2.02		mg/L		101	90 - 110
Sulfate	10.0	9.62		mg/L		96	90 - 110

Lab Sample ID: LCSD 680-402810/37

Matrix: Water

Analysis Batch: 402810

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	10.0	9.95		mg/L		100	90 - 110	0	30
Fluoride	2.00	2.02		mg/L		101	90 - 110	0	30
Sulfate	10.0	9.65		mg/L		96	90 - 110	0	30

TestAmerica Savannah

QC Sample Results

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 8 (Waters)

TestAmerica Job ID: 680-117065-2

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: MB 680-402895/8

Matrix: Water

Analysis Batch: 402895

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	0.40	U	1.0	0.40	mg/L			09/25/15 10:49	1

Lab Sample ID: LCS 680-402895/9

Matrix: Water

Analysis Batch: 402895

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec.	Limits
Sulfate	10.0	10.1		mg/L		101	90 - 110

Lab Sample ID: LCSD 680-402895/10

Matrix: Water

Analysis Batch: 402895

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec.	RPD	RPD Limit	
Sulfate	10.0	10.2		mg/L		102	90 - 110	1	30

Method: 200.7 Rev 4.4 - Metals (ICP)

Lab Sample ID: MB 680-402645/1-A

Matrix: Water

Analysis Batch: 402827

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 402645

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	24	U	200	24	ug/L		09/24/15 10:32	09/24/15 19:50	1
Calcium	25	U	500	25	ug/L		09/24/15 10:32	09/24/15 19:50	1
Iron	17	U	50	17	ug/L		09/24/15 10:32	09/24/15 19:50	1
Magnesium	33	U	500	33	ug/L		09/24/15 10:32	09/24/15 19:50	1
Potassium	17	U	1000	17	ug/L		09/24/15 10:32	09/24/15 19:50	1
Sodium	480	U	1000	480	ug/L		09/24/15 10:32	09/24/15 19:50	1

Lab Sample ID: LCS 680-402645/2-A

Matrix: Water

Analysis Batch: 402827

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 402645

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec.	Limits
Aluminum	2000	1970		ug/L		98	85 - 115
Calcium	2000	2050		ug/L		102	85 - 115
Iron	2000	2000		ug/L		100	85 - 115
Magnesium	2000	2120		ug/L		106	85 - 115
Potassium	2000	2300		ug/L		115	85 - 115
Sodium	2000	2050		ug/L		102	85 - 115

Lab Sample ID: MB 680-402656/1-A

Matrix: Water

Analysis Batch: 402827

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 402656

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum, Dissolved	24	U	200	24	ug/L		09/24/15 10:45	09/24/15 17:41	1
Calcium, Dissolved	25	U	500	25	ug/L		09/24/15 10:45	09/24/15 17:41	1

TestAmerica Savannah

QC Sample Results

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 8 (Waters)

TestAmerica Job ID: 680-117065-2

Method: 200.7 Rev 4.4 - Metals (ICP) (Continued)

Lab Sample ID: MB 680-402656/1-A

Matrix: Water

Analysis Batch: 402827

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 402656

Analyte	MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Iron, Dissolved	17	U	50	17	ug/L		09/24/15 10:45	09/24/15 17:41	1
Magnesium, Dissolved	33	U	500	33	ug/L		09/24/15 10:45	09/24/15 17:41	1
Potassium, Dissolved	17	U	1000	17	ug/L		09/24/15 10:45	09/24/15 17:41	1
Sodium, Dissolved	480	U	1000	480	ug/L		09/24/15 10:45	09/24/15 17:41	1

Lab Sample ID: LCS 680-402656/2-A

Matrix: Water

Analysis Batch: 402827

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 402656

Analyte	Spike Added	LCS		Unit	D	%Rec	Limits
		Result	Qualifier				
Aluminum, Dissolved	2000	1920		ug/L		96	85 - 115
Calcium, Dissolved	2000	2000		ug/L		100	85 - 115
Iron, Dissolved	2000	1950		ug/L		97	85 - 115
Magnesium, Dissolved	2000	2060		ug/L		103	85 - 115
Potassium, Dissolved	2000	2240		ug/L		112	85 - 115
Sodium, Dissolved	2000	1990		ug/L		99	85 - 115

Method: 200.8 - Metals (ICP/MS)

Lab Sample ID: MB 680-402643/1-A

Matrix: Water

Analysis Batch: 402829

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 402643

Analyte	MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Antimony	0.40	U	1.0	0.40	ug/L		09/24/15 10:32	09/25/15 01:36	1
Arsenic	0.37	U	1.0	0.37	ug/L		09/24/15 10:32	09/25/15 01:36	1
Barium	0.14	U	2.0	0.14	ug/L		09/24/15 10:32	09/25/15 01:36	1
Beryllium	0.15	U	0.40	0.15	ug/L		09/24/15 10:32	09/25/15 01:36	1
Cadmium	0.043	U	0.50	0.043	ug/L		09/24/15 10:32	09/25/15 01:36	1
Chromium	1.0	U	2.0	1.0	ug/L		09/24/15 10:32	09/25/15 01:36	1
Cobalt	0.12	U	0.40	0.12	ug/L		09/24/15 10:32	09/25/15 01:36	1
Copper	1.69		1.0	0.50	ug/L		09/24/15 10:32	09/25/15 01:36	1
Lead	0.060	U	0.30	0.060	ug/L		09/24/15 10:32	09/25/15 01:36	1
Manganese	1.2	U	2.5	1.2	ug/L		09/24/15 10:32	09/25/15 01:36	1
Molybdenum	0.45	U	1.0	0.45	ug/L		09/24/15 10:32	09/25/15 01:36	1
Nickel	0.40	U	1.0	0.40	ug/L		09/24/15 10:32	09/25/15 01:36	1
Selenium	5.85		2.0	0.58	ug/L		09/24/15 10:32	09/25/15 01:36	1
Silver	0.10	U	1.0	0.10	ug/L		09/24/15 10:32	09/25/15 01:36	1
Thallium	0.10	U	0.20	0.10	ug/L		09/24/15 10:32	09/25/15 01:36	1
Vanadium	0.30	U	1.0	0.30	ug/L		09/24/15 10:32	09/25/15 01:36	1
Zinc	2.8		20	2.8	ug/L		09/24/15 10:32	09/25/15 01:36	1

Lab Sample ID: LCS 680-402643/2-A

Matrix: Water

Analysis Batch: 402829

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 402643

Analyte	Spike Added	LCS		Unit	D	%Rec	Limits
		Result	Qualifier				
Antimony	20.0	21.9		ug/L		110	85 - 115
Arsenic	40.0	41.9		ug/L		105	85 - 115

TestAmerica Savannah

QC Sample Results

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 8 (Waters)

TestAmerica Job ID: 680-117065-2

Method: 200.8 - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 680-402643/2-A

Matrix: Water

Analysis Batch: 402829

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 402643

%Rec.

Analyte	Spike	LCS	LCS	Unit	D	%Rec	Limits
	Added	Result	Qualifier				
Barium	40.0	39.6		ug/L	99	85 - 115	
Beryllium	20.0	22.7		ug/L	114	85 - 115	
Cadmium	20.0	20.4		ug/L	102	85 - 115	
Chromium	40.0	38.0		ug/L	95	85 - 115	
Cobalt	20.0	19.8		ug/L	99	85 - 115	
Copper	40.0	38.6		ug/L	96	85 - 115	
Lead	200	185		ug/L	92	85 - 115	
Manganese	200	190		ug/L	95	85 - 115	
Molybdenum	40.0	41.3		ug/L	103	85 - 115	
Nickel	40.0	38.7		ug/L	97	85 - 115	
Selenium	40.0	43.2		ug/L	108	85 - 115	
Silver	20.0	19.5		ug/L	97	85 - 115	
Thallium	16.0	16.5		ug/L	103	85 - 115	
Vanadium	40.0	38.8		ug/L	97	85 - 115	
Zinc	40.0	41.5		ug/L	104	85 - 115	

Lab Sample ID: MB 680-402650/1-A

Matrix: Water

Analysis Batch: 402829

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 402650

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Antimony, Dissolved	0.40	U	1.0	0.40	ug/L	09/24/15 10:45	09/24/15 23:31		1
Arsenic, Dissolved	0.37	U	1.0	0.37	ug/L	09/24/15 10:45	09/24/15 23:31		1
Barium, Dissolved	0.14	U	2.0	0.14	ug/L	09/24/15 10:45	09/24/15 23:31		1
Beryllium, Dissolved	0.15	U	0.40	0.15	ug/L	09/24/15 10:45	09/24/15 23:31		1
Cadmium, Dissolved	0.043	U	0.50	0.043	ug/L	09/24/15 10:45	09/24/15 23:31		1
Chromium, Dissolved	1.0	U	2.0	1.0	ug/L	09/24/15 10:45	09/24/15 23:31		1
Cobalt, Dissolved	0.12	U	0.40	0.12	ug/L	09/24/15 10:45	09/24/15 23:31		1
Copper, Dissolved	0.50	U	1.0	0.50	ug/L	09/24/15 10:45	09/24/15 23:31		1
Lead, Dissolved	0.060	U	0.30	0.060	ug/L	09/24/15 10:45	09/24/15 23:31		1
Manganese, Dissolved	1.2	U	2.5	1.2	ug/L	09/24/15 10:45	09/24/15 23:31		1
Molybdenum, Dissolved	0.45	U	1.0	0.45	ug/L	09/24/15 10:45	09/24/15 23:31		1
Nickel, Dissolved	0.40	U	1.0	0.40	ug/L	09/24/15 10:45	09/24/15 23:31		1
Selenium, Dissolved	0.58	U	2.0	0.58	ug/L	09/24/15 10:45	09/24/15 23:31		1
Silver, Dissolved	0.10	U	1.0	0.10	ug/L	09/24/15 10:45	09/24/15 23:31		1
Thallium, Dissolved	0.10	U	0.20	0.10	ug/L	09/24/15 10:45	09/24/15 23:31		1
Vanadium, Dissolved	0.30	U	1.0	0.30	ug/L	09/24/15 10:45	09/24/15 23:31		1
Zinc, Dissolved	2.8	U	20	2.8	ug/L	09/24/15 10:45	09/24/15 23:31		1

Lab Sample ID: LCS 680-402650/2-A

Matrix: Water

Analysis Batch: 402829

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 402650

Analyte	Spike	LCS	LCS	Unit	D	%Rec	Limits
	Added	Result	Qualifier				
Antimony, Dissolved	20.0	20.9		ug/L	105	85 - 115	
Arsenic, Dissolved	40.0	41.4		ug/L	104	85 - 115	
Barium, Dissolved	40.0	40.4		ug/L	101	85 - 115	
Beryllium, Dissolved	20.0	20.5		ug/L	103	85 - 115	
Cadmium, Dissolved	20.0	20.5		ug/L	102	85 - 115	

TestAmerica Savannah

QC Sample Results

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 8 (Waters)

TestAmerica Job ID: 680-117065-2

Method: 200.8 - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 680-402650/2-A

Matrix: Water

Analysis Batch: 402829

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 402650

%Rec.

Analyte	Spike	LCS	LCS	Unit	D	%Rec	Limits
	Added	Result	Qualifier				
Chromium, Dissolved	40.0	40.8		ug/L	102	85 - 115	
Cobalt, Dissolved	20.0	20.4		ug/L	102	85 - 115	
Copper, Dissolved	40.0	39.2		ug/L	98	85 - 115	
Lead, Dissolved	200	188		ug/L	94	85 - 115	
Manganese, Dissolved	200	193		ug/L	97	85 - 115	
Molybdenum, Dissolved	40.0	39.6		ug/L	99	85 - 115	
Nickel, Dissolved	40.0	39.1		ug/L	98	85 - 115	
Selenium, Dissolved	40.0	41.8		ug/L	105	85 - 115	
Silver, Dissolved	20.0	19.7		ug/L	98	85 - 115	
Thallium, Dissolved	16.0	16.8		ug/L	105	85 - 115	
Vanadium, Dissolved	40.0	39.5		ug/L	99	85 - 115	
Zinc, Dissolved	40.0	42.5		ug/L	106	85 - 115	

Method: 2340B-2011 - Total Hardness (as CaCO₃) by calculation

Lab Sample ID: MB 680-402923/1

Matrix: Water

Analysis Batch: 402923

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Total Hardness	3.3	U	3.3	3.3	mg/L			09/25/15 13:22	1

Method: 245.1 - Mercury (CVAA)

Lab Sample ID: MB 680-402682/1-A

Matrix: Water

Analysis Batch: 402821

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 402682

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Mercury	0.080	U	0.20	0.080	ug/L		09/24/15 12:13	09/24/15 18:14	1

Lab Sample ID: LCS 680-402682/3-A

Matrix: Water

Analysis Batch: 402821

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 402682

Analyte	Spike	LCS	LCS	Unit	D	%Rec	Limits
	Added	Result	Qualifier				
Mercury	2.50	2.49		ug/L	100	85 - 115	

Lab Sample ID: 680-117065-10 MS

Matrix: Water

Analysis Batch: 402821

Client Sample ID: RBEFFLUENT_092115_1006

Prep Type: Total/NA

Prep Batch: 402682

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	Limits
	Result	Qualifier							
Mercury	0.080	U	1.00	0.944		ug/L	94	70 - 130	

TestAmerica Savannah

QC Sample Results

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 8 (Waters)

TestAmerica Job ID: 680-117065-2

Method: 245.1 - Mercury (CVAA) (Continued)

Lab Sample ID: 680-117065-10 MSD

Matrix: Water

Analysis Batch: 402821

Client Sample ID: RBEFFLUENT_092115_1006

Prep Type: Total/NA

Prep Batch: 402682

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec.	RPD	RPD Limit
Mercury	0.080	U	1.00	0.978		ug/L		98	70 - 130	3 20

Lab Sample ID: MB 680-402722/1-A

Matrix: Water

Analysis Batch: 402821

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 402722

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	0.080	U	0.20	0.080	ug/L		09/24/15 13:03	09/24/15 19:39	1

Lab Sample ID: LCS 680-402722/3-A

Matrix: Water

Analysis Batch: 402821

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 402722

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec.	Limits
Mercury, Dissolved	2.50	2.53		ug/L		101	85 - 115

Lab Sample ID: 680-117065-10 MS

Matrix: Water

Analysis Batch: 402821

Client Sample ID: RBEFFLUENT_092115_1006

Prep Type: Dissolved

Prep Batch: 402722

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec.	Limits
Mercury, Dissolved	0.080	U	1.00	0.953		ug/L		95	70 - 130

Lab Sample ID: 680-117065-10 MSD

Matrix: Water

Analysis Batch: 402821

Client Sample ID: RBEFFLUENT_092115_1006

Prep Type: Dissolved

Prep Batch: 402722

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec.	RPD	RPD Limit
Mercury, Dissolved	0.080	U	1.00	0.999		ug/L		100	70 - 130	5 20

Method: 2320B-2011 - Alkalinity, Total

Lab Sample ID: MB 680-402777/6

Matrix: Water

Analysis Batch: 402777

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity	5.0	U		5.0	mg/L			09/24/15 13:51	1

Lab Sample ID: LCS 680-402777/7

Matrix: Water

Analysis Batch: 402777

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec.	Limits
Alkalinity	248	252		mg/L		102	80 - 120

TestAmerica Savannah

QC Sample Results

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 8 (Waters)

TestAmerica Job ID: 680-117065-2

Method: 2320B-2011 - Alkalinity, Total (Continued)

Lab Sample ID: LCSD 680-402777/33

Matrix: Water

Analysis Batch: 402777

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD RPD	RPD Limit
Alkalinity	248	250		mg/L		101	80 - 120	1	30

Method: 4500 H+ B-2011 - pH

Lab Sample ID: LCS 680-402778/5

Matrix: Water

Analysis Batch: 402778

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
pH	7.00	7.100		SU		101	63 - 158		

QC Association Summary

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 8 (Waters)

TestAmerica Job ID: 680-117065-2

HPLC/IC

Analysis Batch: 402737

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-117065-8	GKMSW309_092215	Total/NA	Water	300.0	
680-117065-9	CC06_092115_0844	Total/NA	Water	300.0	
680-117065-9 DU	CC06_092115_0844	Total/NA	Water	300.0	
680-117065-9 MS	CC06_092115_0844	Total/NA	Water	300.0	
680-117065-9 MSD	CC06_092115_0844	Total/NA	Water	300.0	
680-117065-10	RBEFFLUENT_092115_1006	Total/NA	Water	300.0	
680-117065-11	GSPOND_EFF_092015_1127	Total/NA	Water	300.0	
LCS 680-402737/3	Lab Control Sample	Total/NA	Water	300.0	
LCSD 680-402737/4	Lab Control Sample Dup	Total/NA	Water	300.0	
MB 680-402737/2	Method Blank	Total/NA	Water	300.0	

Analysis Batch: 402738

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-117065-9	CC06_092115_0844	Total/NA	Water	300.0	
680-117065-9 DU	CC06_092115_0844	Total/NA	Water	300.0	
680-117065-9 MS	CC06_092115_0844	Total/NA	Water	300.0	
680-117065-9 MSD	CC06_092115_0844	Total/NA	Water	300.0	
680-117065-10	RBEFFLUENT_092115_1006	Total/NA	Water	300.0	
LCS 680-402738/3	Lab Control Sample	Total/NA	Water	300.0	
LCSD 680-402738/4	Lab Control Sample Dup	Total/NA	Water	300.0	
MB 680-402738/2	Method Blank	Total/NA	Water	300.0	

Analysis Batch: 402810

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-117065-8	GKMSW309_092215	Total/NA	Water	300.0	
680-117065-8	GKMSW309_092215	Total/NA	Water	300.0	
680-117065-9	CC06_092115_0844	Total/NA	Water	300.0	
680-117065-10	RBEFFLUENT_092115_1006	Total/NA	Water	300.0	
680-117065-11	GSPOND_EFF_092015_1127	Total/NA	Water	300.0	
680-117065-11	GSPOND_EFF_092015_1127	Total/NA	Water	300.0	
LCS 680-402810/36	Lab Control Sample	Total/NA	Water	300.0	
LCSD 680-402810/37	Lab Control Sample Dup	Total/NA	Water	300.0	
MB 680-402810/35	Method Blank	Total/NA	Water	300.0	

Analysis Batch: 402895

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-117065-9	CC06_092115_0844	Total/NA	Water	300.0	
680-117065-10	RBEFFLUENT_092115_1006	Total/NA	Water	300.0	
LCS 680-402895/9	Lab Control Sample	Total/NA	Water	300.0	
LCSD 680-402895/10	Lab Control Sample Dup	Total/NA	Water	300.0	
MB 680-402895/8	Method Blank	Total/NA	Water	300.0	

Metals

Prep Batch: 402643

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-117065-6	GKMTW436_092215A	Total/NA	Water	200	
680-117065-7	GKMTW436_092215B	Total/NA	Water	200	
680-117065-8	GKMSW309_092215	Total/NA	Water	200	
680-117065-9	CC06_092115_0844	Total/NA	Water	200	

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QC Association Summary

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 8 (Waters)

TestAmerica Job ID: 680-117065-2

Metals (Continued)

Prep Batch: 402643 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-117065-10	RBEFFLUENT_092115_1006	Total/NA	Water	200	1
680-117065-11	GSPOND_EFF_092015_1127	Total/NA	Water	200	2
LCS 680-402643/2-A	Lab Control Sample	Total/NA	Water	200	3
MB 680-402643/1-A	Method Blank	Total/NA	Water	200	4

Prep Batch: 402645

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-117065-6	GKMTW436_092215A	Total/NA	Water	200	5
680-117065-7	GKMTW436_092215B	Total/NA	Water	200	6
680-117065-8	GKMSW309_092215	Total/NA	Water	200	7
680-117065-9	CC06_092115_0844	Total/NA	Water	200	8
680-117065-10	RBEFFLUENT_092115_1006	Total/NA	Water	200	9
680-117065-11	GSPOND_EFF_092015_1127	Total/NA	Water	200	10
LCS 680-402645/2-A	Lab Control Sample	Total/NA	Water	200	11
MB 680-402645/1-A	Method Blank	Total/NA	Water	200	12

Prep Batch: 402650

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-117065-8	GKMSW309_092215	Dissolved	Water	200	1
680-117065-9	CC06_092115_0844	Dissolved	Water	200	2
680-117065-10	RBEFFLUENT_092115_1006	Dissolved	Water	200	3
680-117065-11	GSPOND_EFF_092015_1127	Dissolved	Water	200	4
LCS 680-402650/2-A	Lab Control Sample	Total/NA	Water	200	5
MB 680-402650/1-A	Method Blank	Total/NA	Water	200	6

Prep Batch: 402656

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-117065-8	GKMSW309_092215	Dissolved	Water	200	1
680-117065-9	CC06_092115_0844	Dissolved	Water	200	2
680-117065-10	RBEFFLUENT_092115_1006	Dissolved	Water	200	3
680-117065-11	GSPOND_EFF_092015_1127	Dissolved	Water	200	4
LCS 680-402656/2-A	Lab Control Sample	Total/NA	Water	200	5
MB 680-402656/1-A	Method Blank	Total/NA	Water	200	6

Prep Batch: 402682

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-117065-6	GKMTW436_092215A	Total/NA	Water	245.1	1
680-117065-7	GKMTW436_092215B	Total/NA	Water	245.1	2
680-117065-8	GKMSW309_092215	Total/NA	Water	245.1	3
680-117065-9	CC06_092115_0844	Total/NA	Water	245.1	4
680-117065-10	RBEFFLUENT_092115_1006	Total/NA	Water	245.1	5
680-117065-10 MS	RBEFFLUENT_092115_1006	Total/NA	Water	245.1	6
680-117065-10 MSD	RBEFFLUENT_092115_1006	Total/NA	Water	245.1	7
680-117065-11	GSPOND_EFF_092015_1127	Total/NA	Water	245.1	8
LCS 680-402682/3-A	Lab Control Sample	Total/NA	Water	245.1	9
MB 680-402682/1-A	Method Blank	Total/NA	Water	245.1	10

Prep Batch: 402722

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-117065-8	GKMSW309_092215	Dissolved	Water	245.1	1
680-117065-9	CC06_092115_0844	Dissolved	Water	245.1	2

TestAmerica Savannah

QC Association Summary

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 8 (Waters)

TestAmerica Job ID: 680-117065-2

Metals (Continued)

Prep Batch: 402722 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-117065-10	RBEFFLUENT_092115_1006	Dissolved	Water	245.1	
680-117065-10 MS	RBEFFLUENT_092115_1006	Dissolved	Water	245.1	
680-117065-10 MSD	RBEFFLUENT_092115_1006	Dissolved	Water	245.1	
680-117065-11	GSPOND_EFF_092015_1127	Dissolved	Water	245.1	
LCS 680-402722/3-A	Lab Control Sample	Total/NA	Water	245.1	
MB 680-402722/1-A	Method Blank	Total/NA	Water	245.1	

Analysis Batch: 402821

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-117065-6	GKMTW436_092215A	Total/NA	Water	245.1	402682
680-117065-7	GKMTW436_092215B	Total/NA	Water	245.1	402682
680-117065-8	GKMSW309_092215	Dissolved	Water	245.1	402722
680-117065-8	GKMSW309_092215	Total/NA	Water	245.1	402682
680-117065-9	CC06_092115_0844	Dissolved	Water	245.1	402722
680-117065-9	CC06_092115_0844	Total/NA	Water	245.1	402682
680-117065-10	RBEFFLUENT_092115_1006	Dissolved	Water	245.1	402722
680-117065-10	RBEFFLUENT_092115_1006	Total/NA	Water	245.1	402682
680-117065-10 MS	RBEFFLUENT_092115_1006	Dissolved	Water	245.1	402722
680-117065-10 MS	RBEFFLUENT_092115_1006	Total/NA	Water	245.1	402682
680-117065-10 MSD	RBEFFLUENT_092115_1006	Dissolved	Water	245.1	402722
680-117065-10 MSD	RBEFFLUENT_092115_1006	Total/NA	Water	245.1	402682
680-117065-11	GSPOND_EFF_092015_1127	Dissolved	Water	245.1	402722
680-117065-11	GSPOND_EFF_092015_1127	Total/NA	Water	245.1	402682
LCS 680-402682/3-A	Lab Control Sample	Total/NA	Water	245.1	402682
LCS 680-402722/3-A	Lab Control Sample	Total/NA	Water	245.1	402722
MB 680-402682/1-A	Method Blank	Total/NA	Water	245.1	402682
MB 680-402722/1-A	Method Blank	Total/NA	Water	245.1	402722

Analysis Batch: 402827

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-117065-6	GKMTW436_092215A	Total/NA	Water	200.7 Rev 4.4	402645
680-117065-7	GKMTW436_092215B	Total/NA	Water	200.7 Rev 4.4	402645
680-117065-8	GKMSW309_092215	Dissolved	Water	200.7 Rev 4.4	402656
680-117065-8	GKMSW309_092215	Total/NA	Water	200.7 Rev 4.4	402645
680-117065-9	CC06_092115_0844	Dissolved	Water	200.7 Rev 4.4	402656
680-117065-9	CC06_092115_0844	Total/NA	Water	200.7 Rev 4.4	402645
680-117065-10	RBEFFLUENT_092115_1006	Dissolved	Water	200.7 Rev 4.4	402656
680-117065-10	RBEFFLUENT_092115_1006	Total/NA	Water	200.7 Rev 4.4	402645
680-117065-11	GSPOND_EFF_092015_1127	Dissolved	Water	200.7 Rev 4.4	402656
680-117065-11	GSPOND_EFF_092015_1127	Total/NA	Water	200.7 Rev 4.4	402645
LCS 680-402645/2-A	Lab Control Sample	Total/NA	Water	200.7 Rev 4.4	402645
LCS 680-402656/2-A	Lab Control Sample	Total/NA	Water	200.7 Rev 4.4	402656
MB 680-402645/1-A	Method Blank	Total/NA	Water	200.7 Rev 4.4	402645
MB 680-402656/1-A	Method Blank	Total/NA	Water	200.7 Rev 4.4	402656

Analysis Batch: 402829

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-117065-6	GKMTW436_092215A	Total/NA	Water	200.8	402643
680-117065-7	GKMTW436_092215B	Total/NA	Water	200.8	402643
680-117065-8	GKMSW309_092215	Dissolved	Water	200.8	402650
680-117065-8	GKMSW309_092215	Total/NA	Water	200.8	402643

TestAmerica Savannah

QC Association Summary

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 8 (Waters)

TestAmerica Job ID: 680-117065-2

Metals (Continued)

Analysis Batch: 402829 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-117065-9	CC06_092115_0844	Dissolved	Water	200.8	402650
680-117065-9	CC06_092115_0844	Total/NA	Water	200.8	402643
680-117065-10	RBEFFLUENT_092115_1006	Dissolved	Water	200.8	402650
680-117065-10	RBEFFLUENT_092115_1006	Total/NA	Water	200.8	402643
680-117065-11	GSPOND_EFF_092015_1127	Dissolved	Water	200.8	402650
680-117065-11	GSPOND_EFF_092015_1127	Total/NA	Water	200.8	402643
LCS 680-402643/2-A	Lab Control Sample	Total/NA	Water	200.8	402643
LCS 680-402650/2-A	Lab Control Sample	Total/NA	Water	200.8	402650
MB 680-402643/1-A	Method Blank	Total/NA	Water	200.8	402643
MB 680-402650/1-A	Method Blank	Total/NA	Water	200.8	402650

Analysis Batch: 402916

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-117065-9	CC06_092115_0844	Dissolved	Water	200.7 Rev 4.4	402656
680-117065-9	CC06_092115_0844	Total/NA	Water	200.7 Rev 4.4	402645
680-117065-10	RBEFFLUENT_092115_1006	Dissolved	Water	200.7 Rev 4.4	402656
680-117065-10	RBEFFLUENT_092115_1006	Total/NA	Water	200.7 Rev 4.4	402645
680-117065-11	GSPOND_EFF_092015_1127	Dissolved	Water	200.7 Rev 4.4	402656
680-117065-11	GSPOND_EFF_092015_1127	Total/NA	Water	200.7 Rev 4.4	402645

Analysis Batch: 402923

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-117065-6	GKMTW436_092215A	Total/NA	Water	2340B-2011	
680-117065-7	GKMTW436_092215B	Total/NA	Water	2340B-2011	
680-117065-8	GKMSW309_092215	Total/NA	Water	2340B-2011	
680-117065-9	CC06_092115_0844	Total/NA	Water	2340B-2011	
680-117065-10	RBEFFLUENT_092115_1006	Total/NA	Water	2340B-2011	
680-117065-11	GSPOND_EFF_092015_1127	Total/NA	Water	2340B-2011	
MB 680-402923/1	Method Blank	Total/NA	Water	2340B-2011	

General Chemistry

Analysis Batch: 402777

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-117065-8	GKMSW309_092215	Total/NA	Water	2320B-2011	
680-117065-9	CC06_092115_0844	Total/NA	Water	2320B-2011	
680-117065-10	RBEFFLUENT_092115_1006	Total/NA	Water	2320B-2011	
680-117065-11	GSPOND_EFF_092015_1127	Total/NA	Water	2320B-2011	
LCS 680-402777/7	Lab Control Sample	Total/NA	Water	2320B-2011	
LCSD 680-402777/33	Lab Control Sample Dup	Total/NA	Water	2320B-2011	
MB 680-402777/6	Method Blank	Total/NA	Water	2320B-2011	

Analysis Batch: 402778

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-117065-8	GKMSW309_092215	Total/NA	Water	4500 H+ B-2011	
680-117065-9	CC06_092115_0844	Total/NA	Water	4500 H+ B-2011	
680-117065-10	RBEFFLUENT_092115_1006	Total/NA	Water	4500 H+ B-2011	
680-117065-11	GSPOND_EFF_092015_1127	Total/NA	Water	4500 H+ B-2011	
LCS 680-402778/5	Lab Control Sample	Total/NA	Water	4500 H+ B-2011	

TestAmerica Savannah

Lab Chronicle

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 8 (Waters)

TestAmerica Job ID: 680-117065-2

Client Sample ID: GKMTW436_092215A

Lab Sample ID: 680-117065-6

Matrix: Water

Date Collected: 09/22/15 11:55

Date Received: 09/24/15 08:48

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200			50 mL	50 mL	402645	09/24/15 10:32	JMD	TAL SAV
Total/NA	Analysis	200.7 Rev 4.4 Instrument ID: ICPE		1	50 mL	50 mL	402827	09/24/15 21:37	BCB	TAL SAV
Total/NA	Prep	200			50 mL	50 mL	402643	09/24/15 10:32	JMD	TAL SAV
Total/NA	Analysis	200.8 Instrument ID: ICPMSC		1	50 mL	50 mL	402829	09/25/15 03:20	BWR	TAL SAV
Total/NA	Analysis	2340B-2011 Instrument ID: ICPE		1			402923	09/25/15 13:22	BCB	TAL SAV
Total/NA	Prep	245.1			50 mL	50 mL	402682	09/24/15 12:13	JKL	TAL SAV
Total/NA	Analysis	245.1 Instrument ID: LEEMAN2		1	50 mL	50 mL	402821	09/24/15 19:15	BCB	TAL SAV

Client Sample ID: GKMTW436_092215B

Lab Sample ID: 680-117065-7

Matrix: Water

Date Collected: 09/22/15 12:00

Date Received: 09/24/15 08:48

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200			50 mL	50 mL	402645	09/24/15 10:32	JMD	TAL SAV
Total/NA	Analysis	200.7 Rev 4.4 Instrument ID: ICPE		1	50 mL	50 mL	402827	09/24/15 21:41	BCB	TAL SAV
Total/NA	Prep	200			50 mL	50 mL	402643	09/24/15 10:32	JMD	TAL SAV
Total/NA	Analysis	200.8 Instrument ID: ICPMSC		1	50 mL	50 mL	402829	09/25/15 03:24	BWR	TAL SAV
Total/NA	Analysis	2340B-2011 Instrument ID: ICPE		1			402923	09/25/15 13:22	BCB	TAL SAV
Total/NA	Prep	245.1			50 mL	50 mL	402682	09/24/15 12:13	JKL	TAL SAV
Total/NA	Analysis	245.1 Instrument ID: LEEMAN2		1	50 mL	50 mL	402821	09/24/15 19:18	BCB	TAL SAV

Client Sample ID: GKMSW309_092215

Lab Sample ID: 680-117065-8

Matrix: Water

Date Collected: 09/22/15 13:50

Date Received: 09/24/15 08:48

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0 Instrument ID: CICG		1	5 mL	5 mL	402810	09/25/15 02:24	DAS	TAL SAV
Total/NA	Analysis	300.0 Instrument ID: CICG		5	5 mL	5 mL	402810	09/25/15 03:25	DAS	TAL SAV
Total/NA	Analysis	300.0 Instrument ID: CICL		1	5 mL	5 mL	402737	09/24/15 11:57	AJO	TAL SAV
Dissolved	Prep	200			50 mL	50 mL	402656	09/24/15 10:45	JMD	TAL SAV
Dissolved	Analysis	200.7 Rev 4.4 Instrument ID: ICPE		1	50 mL	50 mL	402827	09/24/15 18:57	BCB	TAL SAV

TestAmerica Savannah

Lab Chronicle

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 8 (Waters)

TestAmerica Job ID: 680-117065-2

Client Sample ID: GKMSW309_092215

Date Collected: 09/22/15 13:50

Date Received: 09/24/15 08:48

Lab Sample ID: 680-117065-8

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200			50 mL	50 mL	402645	09/24/15 10:32	JMD	TAL SAV
Total/NA	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	402827	09/24/15 21:45	BCB	TAL SAV
		Instrument ID: ICPE								
Dissolved	Prep	200			50 mL	50 mL	402650	09/24/15 10:45	JMD	TAL SAV
Dissolved	Analysis	200.8		1	50 mL	50 mL	402829	09/25/15 00:31	BWR	TAL SAV
		Instrument ID: ICPMSC								
Total/NA	Prep	200			50 mL	50 mL	402643	09/24/15 10:32	JMD	TAL SAV
Total/NA	Analysis	200.8		1	50 mL	50 mL	402829	09/25/15 03:28	BWR	TAL SAV
		Instrument ID: ICPMSC								
Total/NA	Analysis	2340B-2011		1			402923	09/25/15 13:22	BCB	TAL SAV
		Instrument ID: ICPE								
Dissolved	Prep	245.1			50 mL	50 mL	402722	09/24/15 13:03	JKL	TAL SAV
Dissolved	Analysis	245.1		1	50 mL	50 mL	402821	09/24/15 20:16	BCB	TAL SAV
		Instrument ID: LEEMAN2								
Total/NA	Prep	245.1			50 mL	50 mL	402682	09/24/15 12:13	JKL	TAL SAV
Total/NA	Analysis	245.1		1	50 mL	50 mL	402821	09/24/15 19:21	BCB	TAL SAV
		Instrument ID: LEEMAN2								
Total/NA	Analysis	2320B-2011		1			402777	09/24/15 15:23	KLD	TAL SAV
		Instrument ID: MANTECH								
Total/NA	Analysis	4500 H+ B-2011		1			402778	09/24/15 15:23	KLD	TAL SAV
		Instrument ID: MANTECH								

Client Sample ID: CC06_092115_0844

Date Collected: 09/21/15 08:44

Date Received: 09/24/15 08:48

Lab Sample ID: 680-117065-9

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		5	5 mL	5 mL	402810	09/25/15 05:59	DAS	TAL SAV
		Instrument ID: CICG								
Total/NA	Analysis	300.0		1	5 mL	5 mL	402738	09/24/15 12:21	AJO	TAL SAV
		Instrument ID: CICH								
Total/NA	Analysis	300.0		50	5 mL	5 mL	402895	09/25/15 15:51	AJO	TAL SAV
		Instrument ID: CICH								
Total/NA	Analysis	300.0		1	5 mL	5 mL	402737	09/24/15 16:34	AJO	TAL SAV
		Instrument ID: CICL								
Dissolved	Prep	200			50 mL	50 mL	402656	09/24/15 10:45	JMD	TAL SAV
Dissolved	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	402827	09/24/15 19:02	BCB	TAL SAV
		Instrument ID: ICPE								
Dissolved	Prep	200			50 mL	50 mL	402656	09/24/15 10:45	JMD	TAL SAV
Dissolved	Analysis	200.7 Rev 4.4		10	50 mL	50 mL	402916	09/25/15 10:48	BCB	TAL SAV
		Instrument ID: ICPF								
Total/NA	Prep	200			50 mL	50 mL	402645	09/24/15 10:32	JMD	TAL SAV
Total/NA	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	402827	09/24/15 21:50	BCB	TAL SAV
		Instrument ID: ICPE								

TestAmerica Savannah

Lab Chronicle

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 8 (Waters)

TestAmerica Job ID: 680-117065-2

Client Sample ID: CC06_092115_0844

Date Collected: 09/21/15 08:44

Date Received: 09/24/15 08:48

Lab Sample ID: 680-117065-9

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200			50 mL	50 mL	402645	09/24/15 10:32	JMD	TAL SAV
Total/NA	Analysis	200.7 Rev 4.4		10	50 mL	50 mL	402916	09/25/15 11:05	BCB	TAL SAV
		Instrument ID: ICPF								
Dissolved	Prep	200			50 mL	50 mL	402650	09/24/15 10:45	JMD	TAL SAV
Dissolved	Analysis	200.8		1	50 mL	50 mL	402829	09/25/15 00:35	BWR	TAL SAV
		Instrument ID: ICPMSC								
Total/NA	Prep	200			50 mL	50 mL	402643	09/24/15 10:32	JMD	TAL SAV
Total/NA	Analysis	200.8		1	50 mL	50 mL	402829	09/25/15 03:31	BWR	TAL SAV
		Instrument ID: ICPMSC								
Total/NA	Analysis	2340B-2011		1			402923	09/25/15 13:23	BCB	TAL SAV
		Instrument ID: ICPE								
Dissolved	Prep	245.1			50 mL	50 mL	402722	09/24/15 13:03	JKL	TAL SAV
Dissolved	Analysis	245.1		1	50 mL	50 mL	402821	09/24/15 20:25	BCB	TAL SAV
		Instrument ID: LEEMAN2								
Total/NA	Prep	245.1			50 mL	50 mL	402682	09/24/15 12:13	JKL	TAL SAV
Total/NA	Analysis	245.1		1	50 mL	50 mL	402821	09/24/15 19:24	BCB	TAL SAV
		Instrument ID: LEEMAN2								
Total/NA	Analysis	2320B-2011		1			402777	09/24/15 15:27	KLD	TAL SAV
		Instrument ID: MANTECH								
Total/NA	Analysis	4500 H+ B-2011		1			402778	09/24/15 15:27	KLD	TAL SAV
		Instrument ID: MANTECH								

Client Sample ID: RBEFFLUENT_092115_1006

Lab Sample ID: 680-117065-10

Matrix: Water

Date Collected: 09/21/15 10:06

Date Received: 09/24/15 08:48

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		5	5 mL	5 mL	402810	09/25/15 06:30	DAS	TAL SAV
		Instrument ID: CICG								
Total/NA	Analysis	300.0		1	5 mL	5 mL	402738	09/24/15 13:23	AJO	TAL SAV
		Instrument ID: CICH								
Total/NA	Analysis	300.0		50	5 mL	5 mL	402895	09/25/15 16:07	AJO	TAL SAV
		Instrument ID: CICH								
Total/NA	Analysis	300.0		1	5 mL	5 mL	402737	09/24/15 18:07	AJO	TAL SAV
		Instrument ID: CICL								
Dissolved	Prep	200			50 mL	50 mL	402656	09/24/15 10:45	JMD	TAL SAV
Dissolved	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	402827	09/24/15 19:06	BCB	TAL SAV
		Instrument ID: ICPE								
Dissolved	Prep	200			50 mL	50 mL	402656	09/24/15 10:45	JMD	TAL SAV
Dissolved	Analysis	200.7 Rev 4.4		10	50 mL	50 mL	402916	09/25/15 10:52	BCB	TAL SAV
		Instrument ID: ICPF								
Total/NA	Prep	200			50 mL	50 mL	402645	09/24/15 10:32	JMD	TAL SAV
Total/NA	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	402827	09/24/15 21:54	BCB	TAL SAV
		Instrument ID: ICPE								

TestAmerica Savannah

Lab Chronicle

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 8 (Waters)

TestAmerica Job ID: 680-117065-2

Client Sample ID: RBEFFLUENT_092115_1006

Date Collected: 09/21/15 10:06

Date Received: 09/24/15 08:48

Lab Sample ID: 680-117065-10

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200			50 mL	50 mL	402645	09/24/15 10:32	JMD	TAL SAV
Total/NA	Analysis	200.7 Rev 4.4		10	50 mL	50 mL	402916	09/25/15 11:10	BCB	TAL SAV
		Instrument ID: ICPF								
Dissolved	Prep	200			50 mL	50 mL	402650	09/24/15 10:45	JMD	TAL SAV
Dissolved	Analysis	200.8		1	50 mL	50 mL	402829	09/25/15 00:39	BWR	TAL SAV
		Instrument ID: ICPMSC								
Total/NA	Prep	200			50 mL	50 mL	402643	09/24/15 10:32	JMD	TAL SAV
Total/NA	Analysis	200.8		1	50 mL	50 mL	402829	09/25/15 03:35	BWR	TAL SAV
		Instrument ID: ICPMSC								
Total/NA	Analysis	2340B-2011		1			402923	09/25/15 13:23	BCB	TAL SAV
		Instrument ID: ICPE								
Dissolved	Prep	245.1			50 mL	50 mL	402722	09/24/15 13:03	JKL	TAL SAV
Dissolved	Analysis	245.1		1	50 mL	50 mL	402821	09/24/15 20:28	BCB	TAL SAV
		Instrument ID: LEEMAN2								
Total/NA	Prep	245.1			50 mL	50 mL	402682	09/24/15 12:13	JKL	TAL SAV
Total/NA	Analysis	245.1		1	50 mL	50 mL	402821	09/24/15 19:27	BCB	TAL SAV
		Instrument ID: LEEMAN2								
Total/NA	Analysis	2320B-2011		1			402777	09/24/15 15:32	KLD	TAL SAV
		Instrument ID: MANTECH								
Total/NA	Analysis	4500 H+ B-2011		1			402778	09/24/15 15:32	KLD	TAL SAV
		Instrument ID: MANTECH								

Client Sample ID: GSPOND_EFF_092015_1127

Lab Sample ID: 680-117065-11

Matrix: Water

Date Collected: 09/20/15 11:27

Date Received: 09/24/15 08:48

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	5 mL	5 mL	402810	09/25/15 00:05	DAS	TAL SAV
		Instrument ID: CICG								
Total/NA	Analysis	300.0		50	5 mL	5 mL	402810	09/25/15 03:41	DAS	TAL SAV
		Instrument ID: CICG								
Total/NA	Analysis	300.0		1	5 mL	5 mL	402737	09/24/15 18:22	AJO	TAL SAV
		Instrument ID: CICL								
Dissolved	Prep	200			50 mL	50 mL	402656	09/24/15 10:45	JMD	TAL SAV
Dissolved	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	402827	09/24/15 19:10	BCB	TAL SAV
		Instrument ID: ICPE								
Dissolved	Prep	200			50 mL	50 mL	402656	09/24/15 10:45	JMD	TAL SAV
Dissolved	Analysis	200.7 Rev 4.4		10	50 mL	50 mL	402916	09/25/15 10:57	BCB	TAL SAV
		Instrument ID: ICPF								
Total/NA	Prep	200			50 mL	50 mL	402645	09/24/15 10:32	JMD	TAL SAV
Total/NA	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	402827	09/24/15 21:59	BCB	TAL SAV
		Instrument ID: ICPE								
Total/NA	Prep	200			50 mL	50 mL	402645	09/24/15 10:32	JMD	TAL SAV

TestAmerica Savannah

Lab Chronicle

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 8 (Waters)

TestAmerica Job ID: 680-117065-2

Client Sample ID: GSPOND_EFF_092015_1127

Lab Sample ID: 680-117065-11

Date Collected: 09/20/15 11:27

Matrix: Water

Date Received: 09/24/15 08:48

Prep Type	Batch	Batch	Run	Dil	Initial	Final	Batch	Prepared	Analyst	Lab
	Type	Method		Factor	Amount	Amount	Number	or Analyzed		
Total/NA	Analysis	200.7 Rev 4.4		10	50 mL	50 mL	402916	09/25/15 11:14	BCB	TAL SAV
		Instrument ID: ICPF								
Dissolved	Prep	200			50 mL	50 mL	402650	09/24/15 10:45	JMD	TAL SAV
Dissolved	Analysis	200.8		1	50 mL	50 mL	402829	09/25/15 00:43	BWR	TAL SAV
		Instrument ID: ICPMSC								
Total/NA	Prep	200			50 mL	50 mL	402643	09/24/15 10:32	JMD	TAL SAV
Total/NA	Analysis	200.8		1	50 mL	50 mL	402829	09/25/15 03:39	BWR	TAL SAV
		Instrument ID: ICPMSC								
Total/NA	Analysis	2340B-2011		1			402923	09/25/15 13:23	BCB	TAL SAV
		Instrument ID: ICPE								
Dissolved	Prep	245.1			50 mL	50 mL	402722	09/24/15 13:03	JKL	TAL SAV
Dissolved	Analysis	245.1		1	50 mL	50 mL	402821	09/24/15 20:37	BCB	TAL SAV
		Instrument ID: LEEMAN2								
Total/NA	Prep	245.1			50 mL	50 mL	402682	09/24/15 12:13	JKL	TAL SAV
Total/NA	Analysis	245.1		1	50 mL	50 mL	402821	09/24/15 19:36	BCB	TAL SAV
		Instrument ID: LEEMAN2								
Total/NA	Analysis	2320B-2011		1			402777	09/24/15 15:38	KLD	TAL SAV
		Instrument ID: MANTECH								
Total/NA	Analysis	4500 H+ B-2011		1			402778	09/24/15 15:38	KLD	TAL SAV
		Instrument ID: MANTECH								

Laboratory References:

TAL SAV = TestAmerica Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

TestAmerica Savannah

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

TestAmerica Savannah

5102 LaRoche Avenue
Savannah, GA 31404

Website: www.testamericainc.com
Phone: (912) 354-7858
Fax: (912) 352-0165

Alternate Laboratory Name/Location

Phone:
Fax:

PROJECT REFERENCE		PROJECT NO.	PROJECT LOCATION (STATE)	MATRIX TYPE	REQUIRED ANALYSIS		PAGE	OF
Gold King Mine TAL (LAB) PROJECT MANAGER		P.O. NUMBER	CONTRACT NO.				STANDARD REPORT	
CLIENT (SITE) PM		CLIENT PHONE	CLIENT FAX				DATE DUE	
Noira Argyrohoda CLIENT NAME		303-729-6100	X6101				EXPEDITED REPORT	
Weston Solutions CLIENT ADDRESS		CLIENT E-MAIL					DELIVERY (SURCHARGE)	
1435 Garrison St., Ste 100, Lakewood, CO 80215							DATE DUE	
COMPANY CONTRACTING THIS WORK (if applicable)							NUMBER OF COOLERS SUBMITTED	
							PER SHIPMENT:	
SAMPLE	SAMPLE IDENTIFICATION		NUMBER OF CONTAINERS SUBMITTED		REMARKS			
DATE	TIME							
10/21/15	13:20	A72-092115		6 A	1	1		
	14:00	M34-092115		6 A	1	1		
14:25	14:25	CC48-092115		6 A	1	1		
	14:25	CC48-092115D		6 A	1	1		
	14:50	A68-092115		6 A	1	1		
14:20:15	14:55	GRANTW436-						
NEED 48 HOUR TAT								
REINQUISITED BY: (SIGNATURE) <i>Mary Boss</i>	DATE 9/23/15	TIME 08:30	REINQUISITED BY: (SIGNATURE)		DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE
RECEIVED BY: (SIGNATURE) <i>FedEx</i>	DATE 9/23/15	TIME 08:30	RECEIVED BY: (SIGNATURE)		DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE
LABORATORY USE ONLY								
RECEIVED FOR LABORATORY BY: <i>Lynn H S</i>	DATE 9/24/15	TIME 08:45	CUSTODY INTACT YES NO	CUSTODY SEAL NO.	SAVANNAH LOG NO.	LABORATORY REMARKS	TIME	
9/25/2015				680-117065	9.2 / 8.6			

TAL8240-680 (108)

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TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

Serial Number 96703

TestAmerica Savannah
5102 LaRoche Avenue
Savannah, GA 31404

Alternate Laboratory Name/Location

Phone:
Fax:

Website: www.testamericainc.com
Phone: (912) 354-7858
Fax: (912) 352-0165

PROJECT REFERENCE Gold King Mine

TAL (LAB) PROJECT MANAGER P.O. NUMBER

PROJECT NO. (STATE) CO CONTRACT NO.

PROJECT LOCATION MATRIX TYPE

CLIENT PHONE CLIENT FAX

303-729-5600 X. 6101

CLIENT E-MAIL

Non-aqueous liquids (oil, solvent, ...)
AQUEOUS (WATER)
COMPOSITE (C) OR GRAB (G) INDICATE
SOLID OR SEMISOLID
PROJECT CONTRACTING THIS WORK (if applicable)

No address by date
Addressed with website
Initial methods, if applicable
Addressed by date
Addressed by date

135 Garrison St Suite 100 Lakewood CO 80215

COMPANY CONTRACTING THIS WORK (if applicable)

SAMPLE IDENTIFICATION

SAMPLE	DATE	TIME
P09122115	11:55	6KNTw436-092215A
P09122115	12:00	GANTw436-092215B
P09122115	13:50	GKMSW309-092215
P09121115	08:44	CC06_092115_844
P09121115	10:06	RBEFFLUENT_092115-1006
P09120115	11:27	GSPPOND_EFF_092015-1127

REASON FOR SAMPLE	REQUIRED ANALYSIS
STANDARD REPORT DELIVERY	
EXpedited REPORT DELIVERY (SUrCHARGE)	
DATE DUE _____	
NUMBER OF COOLERS SUBMITTED PER SHIPMENT:	

PAGE 2 OF 2

NUMBER OF CONTAINERS SUBMITTED

REMARKS

NEED 24 HOUR TAT

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
Mark Bresso	9/23/15	08:30	RECEIVED BY: (SIGNATURE)	DATE	TIME
Received By: (Signature)	9/23/15	08:30	RECEIVED BY: (SIGNATURE)	DATE	TIME

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	SAVANNAH LOG NO.	LABORATORY REMARKS
Mark Bresso	9/24/15	08:30	YES <input checked="" type="radio"/>	NO <input checked="" type="radio"/>	1080-117065	3.26

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	SAVANNAH LOG NO.	LABORATORY REMARKS
Mark Bresso	9/24/15	08:30	YES <input checked="" type="radio"/>	NO <input checked="" type="radio"/>	1080-117065	3.26

TAL8240-680 (1003)

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Login Sample Receipt Checklist

Client: Weston Solutions, Inc.

Job Number: 680-117065-2

Login Number: 117065

List Source: TestAmerica Savannah

List Number: 1

Creator: Daughtry, Beth A

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	False	Samples 1 thru 5 & 9 thru 11 OFH for NO3
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	N/A	
Samples do not require splitting or compositing.	N/A	
Residual Chlorine Checked.	N/A	

Certification Summary

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 8 (Waters)

TestAmerica Job ID: 680-117065-2

Laboratory: TestAmerica Savannah

The certifications listed below are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Colorado	State Program	8	N/A	12-31-15

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TestAmerica Savannah